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Sur Reference: VTE-153-B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Moler et al.

Serial Number:

10/817,512

Filing Date:

April 02, 2004

Examiner/Art Group Unit:

Unknown/3745

Title:

PIEZO-ELECTRIC ACTUATED MULTI-VALVE

MANIFOLD

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97

Mail Stop - Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The references listed in the attached form PTO-1449 are cited pursuant to Rule 37 C.F.R. 1.56 to meet the duty to disclose to the Patent Office all information known to the inventor, attorney or any other person who is substantively involved in the preparation or prosecution of the application or who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

Copies of the International Search Report and any foreign patent office Search Report are enclosed for the Examiner's use, and these reports indicate the relevance of the cited references according to the respective search authorities.

A copy of each cited reference is not enclosed pursuant to United States Patent and Trademark Office OG Notices: 05 August 2003 which waives the requirement to submit a copy of each cited U.S. Patent and U.S. Patent Application Publication for all U.S. National Patent Applications filed after June 30, 2003.

Pursuant to 37 C.F.R. § 1.97(c) and (e)(1) this Information Disclosure Statement includes the following Certification that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office Ifor

in a counterpart foreign application not more than three months prior to the filing date of this Statement.

If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation accompanies this Statement.

These references constitute all the information of which the individuals pursuant to 37 C.F.R. § 1.56(c) are currently aware.

Respectfully submitted,

YOUNG, BASILE, HANLON, MacFARLANE, WOOD &

HELMHQLDT, P.C.

Thomas D. Helmholdf

Attorney for Applicant(s)

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Registration No. 33,181

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3001 West Big Beaver Rd., Suite 624 Troy, Michigan 48084-3107 Dated: April 28, 2005

TDH/TMS/jel

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CERTIFICATE OF MAILING AND TRANSMITTAL LETTER

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted with this document is a Supplemental Information Disclosure Statement, including copies of cited foreign patents, other references, International Search Report and a return receipt postcard in the above-identified application.

No additional fee is required. <u>X</u>

Please charge any deficiency or credit any excess in the enclosed fees to <u>X</u> Deposit Account Number 25-0115.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on April 28, 2005.

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Sheet 1 of 2 ATTY, DOCKET NO. SERIAL NO. LIST OF REFERENCES CITED BY APPLICANT VTE-153-B 10/817,512. APPLICANT Moler, et al FILING DATE GROUP April 02, 2004 3745 U. S. PATENT DOCUMENT EXAMINER INITIALS PATENT NO. ISSUE DATE PATENTEE SUBCLASS FILING DATE $\overline{\mathsf{A}}\overline{\mathsf{A}}$ 6,523,451 02/25/2003 Liao et al 05/22/2001 AB 6,234,060 Jolly 07/1995 AC 5,431,086 Morita et al AD 5,546,847 08/1996 Rector et al ΑE 6,467,264 10/2002 Stephenson et al AF 3,099,289 06/1960 Neilson et al AG AH ΑI AJ AK FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENT NO. **PUBLICATION** COUNTRY OR CLASS SUBCLASS TRANSLATION DATE PATENT OFFICE AL GB2203195 A 10/1988 United Kingdom DE 10122297 C1 06/2002 AM Germany AN OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) Karim Khayati, Pascal Bigras, and Louis-A. Dessaint; NONLINEAR CONTROL OF PNEUMATIC SYSTEMS; ΑO Ecole de Technologie Superieure; 1100, rue Notre-Dame Quest, Montreal (Quebec) H3C 1K3 HIGH SPEED SERVO PNEUMATIC ACTUATOR SYSEMS; (modified on 13 January 2004); Design of High Speed Machinery (DHSM) LINK Programme; Engineering & Physical Sciences Research Council; Department AP of Trade & Industry; March 1995 to August 1997, Grant Reference: GR/K38663 Journal of Zhejiang University SCIENCE; (ISSN 1009-3095, Monthly), 2001 vol. 2, no. 2, pages 128-131; CLC Number: TP271, 32: Document Code: A RESEARCH ON THE CONTINUOUS POSITIONING CONTROL AR TO SERVO-PNEUMATIC SYSTEM; Tao Guo-liang, Wang Xuan-yin, & Lu Yong-xiang MODELING AND SIMULATION OF A SERVOPNEUMATIC GRIPPER; Salvador Esque and Jose LM Lastra, date 10 Dec 99 AS MODIFIED FEEDBACK LINEARIZATION CONTROLLER FOR PNEUMATIC SYSTEM WITH NON-NEGLIGIBLE CONNECTION PORT RESTRICTION; Pascal Bigras, Karim Khayati, Tony Wong; University ΑT of Quebec ΑU ND9000 INTELLIGENT VALVE CONTROLLER; METSO AUTOMATION; date: July 7/2003 EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not

considered. Include a copy of this form with next communication to applicant.

Sheet 2 of 2

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